Amendments to the Claims:

1. (Currently Amended) A flowable bone graft composition suitable for administration to the body via a cannula, comprising: mineralized collagen particles comprising bound mineralized collagen fibrils ~~substantially~~ uniformly distributed there through and a binder for said fibrils; and a fluid biocompatible carrier comprising said mineralized collagen particles ~~substantially~~ uniformly distributed there through.

2. (Original) The composition of claim 1 wherein said carrier is selected from the group consisting of hyaluronic acid, succinalyted collagen, carboxymethyl cellulose, gelatin, collagen gel, fibrinogen, thrombin, liquid alkyd polyesters, liquid polyhydroxy compounds and bone marrow.

3. (Original) The composition of claim 1 comprising a bioactive agent.

4. (Currently Amended) The composition of claim 3 wherein the bioactive agent is selected from the group consisting of bone marrow, osteogenic growth factors, genes-encoding osteogenic growth factors, cell attachment mediators, integrin-binding sequence, ligands, bone morphogenic proteins, epidermal growth factor, IGF-I, IGF-II, TGF-.beta. I-III, growth differentiation factor, parathyroid hormone, vascular endothelial growth factor, lycoprotein, lipoprotein, bFGF, TGF-.beta. superfamily factors, BMP-2, BMP-4, BMP-6, BMP-12, BMP-14, MP-52, sonic hedgehog, GDF5, GDF6, GDF8, PDGF, tenascin-C, fibronectin, thromboelastin, ~~thrombin-derived peptides~~, heparin-binding domains, demineralized bone matrix (DBM), platelet rich plasma, bone marrow aspirate, bone fragments, bone marrow cells, mesenchymal cells, stromal cells, stem cells, embryonic stem cells, osteoblasts, precursor cells derived from adipose tissue, bone marrow-derived progenitor cells, peripheral blood progenitor cells, stem cells isolated from adult tissue and genetically transformed cells.

5. (Original) The composition of claim 3 wherein said carrier and said bioactive agent are the same.

6. (Original) The composition of claim 4 wherein said composition comprises from about 10 to about 35 weight percent of said mineralized collagen particles.

7. (Original) The composition of claim 6 wherein said mineralized collagen particles have an average diameter of from about 10 microns to about 1,000 millimeters.

8. (Previously Presented) The composition of claim 3 wherein said bioactive agent comprises human bone marrow.

9. (Original) The composition of claim 8 wherein said carrier comprises sodium hyaluronate.

10. (Original) The composition of claim 1 wherein said mineralized collagen particles have an average diameter of from about 10 microns to about 5 millimeters.

11. (Original) The composition of claim 1 comprising from about 1.5 to about 35 weight percent of said mineralized collagen particles.

12. (Original) The composition of claim 1 comprising from about 1.5 to about 7.5 weight percent of said mineralized collagen particles.

13. (Original) The composition of claim 12 wherein said mineralized collagen particles have an average diameter of from about 250 microns to about 5 millimeters.

14. (Original) The composition of claim 1 wherein said mineralized collagen particles are porous.

15. (Withdrawn) A method for the preparation of mineralized collagen particles, comprising: preparing an aqueous solution of a water-soluble material suitable for use as a binder for mineralized collagen fibrils, combining said mineralized collagen fibrils with said solution under conditions effective to prepare a homogenous aqueous slurry comprising said fibrils and said